

We Claim:

1. An osmotic delivery system comprising:
a capsule, said capsule having an interior for holding a beneficial agent, said interior having an interior surface;
an osmotic agent located in said interior;
a semipermeable body in liquid communication with said capsule for permitting liquid to permeate through said semipermeable body to said osmotic agent; and
a piston having a length to total diameter ratio of about 1.1:1 and a core diameter to overall diameter ratio of about 0.9:1 located within said interior of said capsule, being movable with respect to said interior surface of said capsule, defining a movable seal with said interior surface of said capsule that separates said osmotic agent from the beneficial agent;
said osmotic agent located between said piston and said semipermeable body, said osmotic agent for imbibing fluid from a surrounding environment through said semipermeable body to cause said piston to move and in turn cause delivery of the beneficial agent from said capsule.
2. The osmotic delivery system according to Claim 1, wherein said piston includes one or a plurality of ribs for effecting said seal with said interior surface.
3. The osmotic delivery system according to Claim 1, wherein said capsule includes a cylindrical tube.
4. The osmotic delivery system according to Claim 3, wherein said cylindrical tube includes an opening and said semipermeable body includes a semipermeable plug, said semipermeable plug located within said opening.
5. The osmotic delivery system according to Claim 1, wherein said osmotic agent includes a tablet.

6. An osmotic delivery system comprising:
a piston having a length to overall diameter ratio of about 1.1:1 and a core diameter to overall diameter ratio of about 0.9:1;
an osmotic agent; and
an enclosure having an interior holding said piston and said osmotic agent, said piston being movable with respect to said enclosure, and said enclosure having a semipermeable body in liquid communication with said osmotic agent for permitting liquid to permeate through said semipermeable body to said osmotic agent, said osmotic agent for imbibing fluid from a surrounding environment and causing said piston to move.
7. The osmotic delivery system according to Claim 6, wherein said interior of said enclosure includes an interior surface, said piston abutting against said interior surface.
8. The osmotic delivery system according to Claim 6, wherein said semipermeable body is located within said interior of said enclosure.
9. The osmotic delivery system according to Claim 6, wherein said enclosure is fluid impermeable.
10. The osmotic delivery system according to Claim 6, wherein said osmotic agent is located between said semipermeable body and said piston.
11. The osmotic delivery system according to Claim 6, further comprising a beneficial agent located in said interior of said enclosure, said beneficial agent being delivered from said enclosure when said piston moves.

12. The osmotic delivery system according to Claim 6, wherein said piston is fluid impermeable.

13. The osmotic delivery system according to Claim 6, wherein said piston includes at least one rib for effecting a movable seal with said enclosure.

14. The osmotic delivery system according to Claim 6, further comprising a beneficial agent located in said interior of said enclosure, said piston defining a movable seal that separates said osmotic agent from said beneficial agent.

15. An osmotic delivery system comprising:
a capsule having a tubular interior, said tubular interior having an interior surface;
a semipermeable body located at least partially within said tubular interior;
an osmotic agent located between said semipermeable body and said piston;
a beneficial agent located within said tubular interior; and
a piston located within said tubular interior, said piston having a length to overall diameter ratio of about 1.1:1 and a core diameter to overall diameter ratio of about 0.9:1, said piston separating said beneficial agent from said osmotic agent, and being movable with respect to said interior surface of said tubular interior and with respect to said semipermeable body.

16. The osmotic delivery system according to Claim 15, wherein the piston includes at least one rib.